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- Luo, L., W.P.-W. Lai, K.-L. Wong, W.-T. Wong, K.-F. Li and K.-W. Cheah, Green upconversion fluorescence in terbium coordination complexes 398 (2004) 372
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Xie, T.-X., Y. Zhang and K.-L. Han, The nonadiabatic quantum dynamics of the $\text{F}(^2\text{P}_{1/2}, ^2\text{P}_{3/2}) + \text{HD}$ reaction on modified Alexander, Stark, and Werner potential energy surfaces 398 (2004) 313
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- Zhang, L., B. Cheng and E.T. Samulski, In situ fabrication of dispersed, crystalline platinum nanoparticles embedded in carbon nanofibers 398 (2004) 505
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- Zong, R., J. Zhou, Q. Li, L. Li, W. Wang and Z. Chen, Linear and nonlinear optical properties of Ag nanorods/AAM composite films 398 (2004) 224

